

ABSTRACT

[119] A system and method for implementing a wireless data transmission scheme through the use of a display capable of displaying symbolic information, a data acquisition device capable of identifying and capturing said displayed information and a mitigation device adapted to allow the data acquisition device to capture the symbolic information. The symbolic information may be a barcode displayed on an LCD outputting linearly polarized light. The data acquisition device may be a laser scanner, and the mitigation device may be a quarter wave retarder located between the display and the scanner. A larger system may utilize this wireless system or a different front end in a more generalized backend information transfer system. The backend system may include a centralized data center adapted to be used with retail couponing, ticketing, digital receipts, or a plurality of other information systems in which data is used separately from its storage location.